FOR UTILITY/DESIGN CIP/PCT NATIONAL/PLANT ORIGINAL/SUBSTITUTE/SUPPLEMENTAL

RULE 63 (37 C.F.R. 1. DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

PM & S FORM

DECLARATIONS IN THE UNITED STATES PATENT AND TRADEMARK OFFICE believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) or the subject matter which is claimed and for which a patent is sought on the INVENTION ENTITLED

INTEGRATING KEYWORD SPOTTING WITH GRAPH DECODER TO IMPROVE THE ROBUSTNESS OF SPEECH RECOGNITION

the specification of which (CHECK applicable BOX(FS)) As.a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I A. is attached hereto. B. was filed on June 27, 2001 as U.S. Application No. C. was filed as PCT International Application No. PCT/ on applicable to U.S. or PCT application) was amended on y state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. Except as noted below, I hereby claim oreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one other country than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International Application, filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application: **PRIOR FOREIGN APPLICATION(S) Date first Laid-Date Patented** Day/MONTH/Year Filed open or Published Number Country or Granted **Priority NOT Claimed** If more prior foreign applications. X box at bottom and continue on attached page, Except as noted below, I hereby claim domestic priority benefit under 35 U.S.C. 119(e) or 120 and/or 365(c) of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application: PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S) Status **Priority NOT Claimed** Application No. (series code/serial no.) Day/MONTH/Year Filed pending, abandoned, patented I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And I hereby appoint Pillsbury Madison & Sutro LLP, Intellectual Property Group, 1100 New York Avenue, N.W., Ninth Floor, East Tower, Washington, D.C. 20005-3918, attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete names/numbers below of persons no longer with their firm and to act and rely on instructions from and communicate directly with the person/assignee/attomey/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above Firm and/or a below attorney in writing to the contrary. Paul N. Kokulis 16773 Dale S. Lazar 28872 Mark G. Paulson 30793 W. Patrick Bengtsson 32456 Raymond F. Lippitt 17519 Paul E. White, Jr. Stephen C. Glazier 32011 31361 Jack S. Barufka 37087 G. Lloyd Knight Glenn J. Perry Paul F. McQuade 17698 28458 31542 Adam R. Hess 41835 Steven C. Skabrat Kendrew H. Colton 36279 30368 Ruth N. Morduch 31044 William P. Atkins 38821 Robert G. Winkle 37474 G. Paul Edgell 24238 Richard H. Zaitlen 27248 Paul L. Sharer 36004 Lynn E. Eccleston Roger R. Wise George M. Sirilla 18221 35861 31204 James R. Thein 31710 Donald J. Bird 25323 Timothy J. Klima 34852 Jay M. Finkelstein 21082 Peter Lam 44855 Peter W. Gowdey 25872 David A. Jakopin 32995 Michael R. Dzwonczyk 36787 Gene I. Su 45140 Alan K. Aldous Robert D. Anderson 31905 33826 Joseph R. Bond 36458 Richard C. Calderwood 35468 Jeffrey S. Draeger 41000 Cynthia Thomas Faatz 39973 Sean Fitzgerald 32027 Seth Z. Kalson 40670 David J. Kaplan 41105 Charles A. Mirho 41199 Leo V. Novakoski 37198 Naomi Obinato 39320 Thomas C. Reynolds Kenneth M. Seddon 32488 43105 Mark Seeley 32299 Raymond J. Werner Howard A. Skaist 36008 Steven C. Stewart 33555 34752 Charles K. Young 39435 Thomas Raleigh Lane 42781 Calvin E. Wells 43256 (1) INVENTOR'S SIGNATURE: Date: Guojun ZHOU First Middle Initial Family Name Residence Portland Oregon CHINA City State/Foreign Country Country of Citizenship 14670 NW Cornell Road, Apt. #48, Portland, Oregon Post Office Address 97229 (include Zip Code) 2) INVENTOR'S SIGNATURE

| (2) INVENTOR S SIGNATURE: | | | Date: | | |
|---------------------------|----------------------|--------------------------|---------------|-------------------------------------|--|
| | | S. | | | |
| | First | Middle Initial | | Family Name | |
| Residence | | | | | |
| | City | State/Foreign Co | ountry | Country of Citizenship | |
| Post Office Address | | | | | |
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| FOR ADDITIONAL | INIVENITORS "Y" have | and proceed on the otton | had base to I | las a mala a della mal la come e co | |

FOR ADDITIONAL INVENTORS, "X" box 🔲 and proceed on the attached page to list each additional inventor.

Atty. Dkt. No. PMS 279199

(M#)

PATENT AND TRADEMARK CASES - RULES OF PRACTICE DUTY OF DISCLOSURE

(a) ...Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the [Patent and Trademark] Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability...(b) information is material to patentability when it is not cumulative and (1) It also establishes by itself, or in combination with other information, a prima facie case of unpatentability of a claim or (2) refutes, or is inconsistent with, a position the applicant takes in: (i) Opposing an argument of unpatentability relied on by the Office, or (ii) Asserting an argument of patentability

PATENT LAWS 35 U.S.C.

§102. Conditions for patentability; novelty and loss of right to patent

A person shall be entitled to a patent unless--

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent or
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or
- (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months* before the filing of the application in the United States, or
- the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
- (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

§103. Condition for patentability; non-obvious subject matter

- (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made. . . .
- (c) Subject matter developed by another person, which qualified as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

^{*} Six months for Design Applications (35 U.S.C. 172).